



5300 Series Inverter WF-5318 & WF-5320



The 5300 Series Inverters provide customers with an innovative power management system delivering outstanding performance and efficiency. The internal transfer system will automatically and instantly supply inverter power if your external AC power source stops functioning.

In vehicles, trailers, boats, and similar off-grid power systems, the 5300 Series Inverters can operate many types of 120-volt appliances such as air conditioners, refrigerators, coffee makers, microwaves, toasters, televisions, computers, medical equipment, power tools and more.



5300 Series Features:

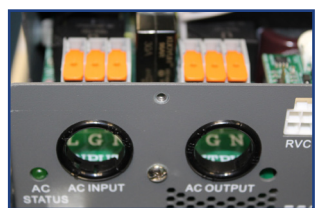
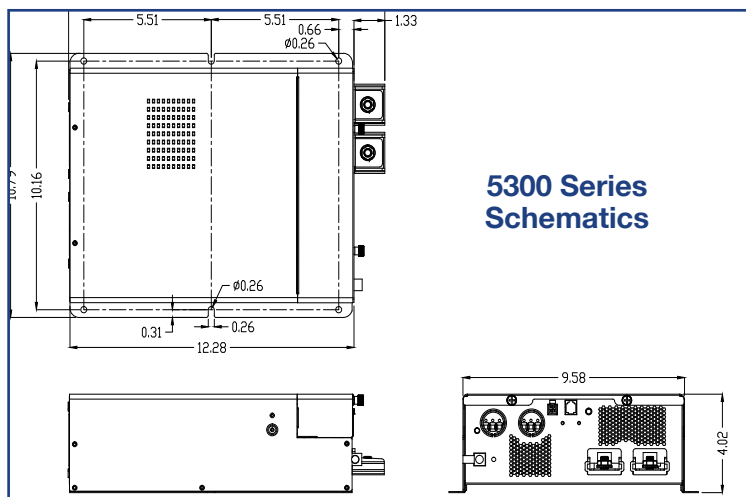
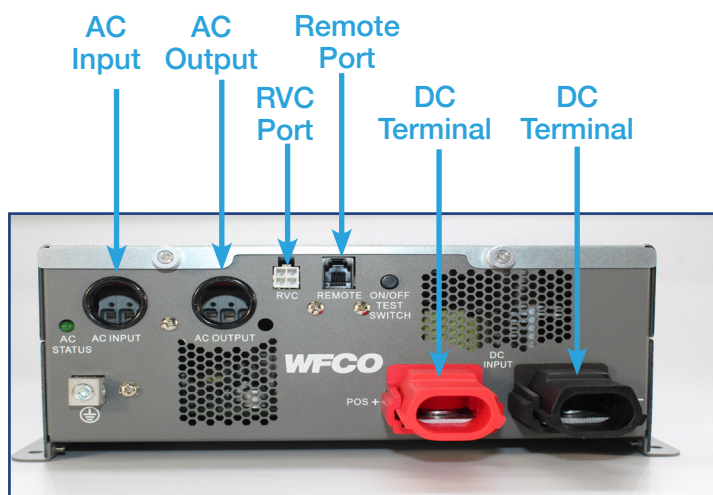
- 1,800W/2,000W High-Frequency Pure Sine Wave Technology with 2x surge rating for 2 seconds.
- Input DC Voltage = 10-16VDC
- DC Reverse Polarity Protection
- Built-In Transfer Relay - 20 millisecond transfer time
- Protection from overload, short circuit, and over temp
- Remote Control
- Easy Installation with leveler AC Connections
- RV-C communication on WF-5320

Remote Control
Display



Remote control displays AC and DC voltage, current, and power to allow verification and optimization of system operation

**2 YEAR
WARRANTY**



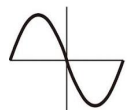
AC Input/Output Close-up



Remote Control Cord

Available For:

- Emergency Medical Services
- Marine Systems
- Military Vehicles
- RV Systems
- Trucks
- Utility Vehicles



Pure Sine Wave



SPECIFICATIONS

MODEL	WF-5318	WF-5320
Inverter		
Waveform	Sine Wave	
Output Voltage	115 V ac ±3%	
Output Current	15.7 A	17.4 A
Continuous Output Power	1800 W	2000 W
Surge Power, 2 sec.	3600 W	4000 W
Output Frequency	60 Hz ±0.3 Hz	
Output THD, resistive load	< 4%	
Input Voltage Range	10.0 - 16.0 V dc	
Input Current (no load), 12 Vdc input	< 1.6 amps	
Input Current (full load), 12 Vdc input	180 A	200 A
Peak Efficiency	> 90%	
Transfer Switch		
Transfer Time	< 20 ms	
Ac Pass-Through Rating	24.8 amps	
Switch to Shore Power	> 80 Vac or < 130 Vac	
Switch to Inverter	< 90 Vac or > 140 Vac	
Remote Control Panel		
Control Functions	Inverter Start/Stop Display Select	
Display Functions	Ac Output Voltage, Current, Power Dc Input Voltage, Current, Power Ac Input/Standby/Invert Status Protect/Fault Diagnostics	
Protection		
Output Circuit Breaker	30 A	
Overload	Auto shutdown, auto recovery	
Short Circuit	Auto shutdown	
Over Temperature	Auto shutdown, one auto recovery during operation	
Battery Reverse Polarity	No damage	
Safety Listing	UL 458	
Connectors		
Dc Input	Bolts for Ring Lugs Size M8/1.25, 13mm hex nuts	
Nut Torque for Dc Connections	6.0 lb-ft (8.1 N·m)	
Ac Input and Output	Lever connectors for up to 10 AWG wire	
Ground	Screw Clamp for up to 2 AWG wire	
Remote Control Panel Connector Type	6P6C (RJ-25)	
Remote Control Panel Cable Length	20 ft (6 m)	30 ft (9 m)
Mechanical/Environment		
Dimensions (LxWxH)	12.3 (13.6) x 9.5 (10.7) x 4 inches	
Weight	11.5 lb	
Cooling	Allow at least 2 cubic feet of air around unit with 3 inches of space at each end for air flow.	
Unit Installation	Bottom or side panel facing downward	
Operating Environment	14 °F to 104 °F and 20% to 90% RH Non-condensing	